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4	BRS	L4	9262	(analysis same dynamic same data)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 13:51
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6	BRS	L6	28	(analysis same dynamic same data same prediction same future)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2006/12/19 13:51
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10	BRS	L10	51	(azvine).in.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	2006/12/19 14:01

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13	BRS	L13	3	(spott-martin).in. and future and characteristic	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 14:13
14	BRS	L14	2337	(characteristic same data) and fuzzy and ((monitor monitoring) same system)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 14:14
15	BRS	L15	265	(characteristic same data) and fuzzy and ((monitor monitoring) same system) and ((normal normality) same (model modeling models))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 14:17

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16	BRS	L16	73	(characteristic same data) and fuzzy and ((monitor monitoring) same system) and ((normal normality) same (model modeling models)) and (future same (predict prediction))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 14:20
17	BRS	L17	69	(characteristic same data) and fuzzy and ((monitor monitoring) same system) and ((normal normality) same (model modeling models)) and (future same (predict prediction)) and (subtract or difference)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TDB	2006/12/19 14:22
18	BRS	L18	0	("2006/0195201").URPN.	USPAT	2006/12/19 14:35
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**Analysis of audio quality using speech recognition and synthesis - group of 3**  
»

MP Hollier, PJ Sheppard - US Patent 5,848,384, 1998 - Google Patents

... [54] ANALYSIS OF AUDIO ... [73] Assignee: **British Telecommunications Public Limited Company**,

London, England ... 29, 1996 [30] Foreign Application Priority Data Aug. ...

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**Signal processing - group of 3** »

MP Hollier - US Patent 6,512,538, 2003 - Google Patents

... gain control model fits masking **data**".A^VO ... part shows the decomposed image for error subjectivity **prediction**. ... techniques such as: spectral **analysis**, energy and ...

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**Multimodal user interface - group of 3** »

B Azvine, KC Tsui, C Voudouris - US Patent 6,779,060, 2004 - Google Patents

... temporal category and importance score, are **characteristics** of the Dynamic ... as long as the job **analysis** continues. ... that the user enters contextual **data** in order ...

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**Speech signal distortion measurement which varies as a function of the distribution of measured ... - group of 3** »

MP Hollier - US Patent 5,794,188, 1998 - Google Patents

... [73] Assignee: **British Telecommunications public limited company**. ... MOS (FIT TO EXPERIMENTAL DATA) ... with a conventional FREQUENCY 5distortion **analysis** measure such ...

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**Optical communications network - group of 5** »

JW Ballance - US Patent 5,063,595, 1991 - Google Patents

Page 1. England [73] Assignee: **British Telecommunications Public Limited Company**, Great Britain [21] Appl. ... 1, 1989 [30] Foreign Application Priority Data Nov. ...

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**Connection admission control for connection orientated networks - group of 3** »

RG Davison, M Azmoodeh, WP Dijkstra - US Patent 6,665,264, 2003 - Google Patents

... can be made by compar -ing this **prediction** of cell ... adaptive fuzzy logic) and can run with incomplete **data**. ... of the diverse ATM traffic **characteristics** and QoS ...

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**TDMA communications network of transmitting information between a central station and remote ... - group of 2** »

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... W. Ballance, Woodbridge, England [73] Assignee: **British Telecommunications public limited company**, Great Britain ... 1989 [30] Foreign Application Priority Data Nov ...

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[Scrambling in digital communications network using a scrambled synchronization signal - group of 2 »](#)

JW Ballance - US Patent 5,086,470, 1992 - Google Patents

... Ballante, Woodbridge, England [73] Assignee: **British Télécommunications Public Limited**

Company, United Kingdom ... 1989 [30] Foreign Application Priority Data Nov ...

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**Analysis of audio quality using speech recognition and synthesis ...**

Stuart J R, "Psychoacoustic Models for Evaluating Errors in Audio Systems"; ... **Analysis:**  
Comparing the Audible Performance of **Data Reduction Systems**", ...  
[www.freepatentsonline.com/5848384.html](http://www.freepatentsonline.com/5848384.html) - 67k - [Cached](#) - [Similar pages](#)

**Multimodal user interface - Patent 6779060**

The STAP speech recogniser has been developed by **British Telecommunications public limited company** and it is based on HMM (Hidden Markov Models) technology. ...  
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**Analysis of audio quality using speech recognition and synthesis ...**

It is desirable to **monitor** the performance of a telecommunications system in ... **Analysis:**  
Comparing the Audible Performance of **Data Reduction Systems**", ...  
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A multiplex of voice, video and **data** connections appears to the network as a ... be made by comparing this **prediction** of cell loss rate to the goal value. ...  
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**Optical communications network - Patent Review 5063595**

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Digital speech or **data** is sent back to the central station by a laser in the ...  
Owner/Assignee, **British Telecommunications public limited company** (GB3) ...  
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**PatentScope Search: "network management" OR "element management"**

The **model** is used to implement **data** gathering tasks as well as network control ...  
08.06.2000 **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY A**  
network ...  
[www.wipo.int/patentscopedb/en/rss.jsp?C=0&QUERY=%22network+management%22+OR+%22element+management%22](http://www.wipo.int/patentscopedb/en/rss.jsp?C=0&QUERY=%22network+management%22+OR+%22element+management%22) - 623k - [Cached](#) - [Similar pages](#)

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The **data model** unifies the two-tiered application to present a single ... 05.10.2006  
**BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY A** device 60 for ...  
[www.wipo.int/patentscopedb/en/rss.jsp?C=0&QUERY=mobile+AND+network\\*](http://www.wipo.int/patentscopedb/en/rss.jsp?C=0&QUERY=mobile+AND+network*) - 621k - [Cached](#) - [Similar pages](#)

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### ADVANCED CONDITION MONITORING SYSTEM FOR WIND ENERGY CONVERTERS

P Caselitz, J Giebhardt, R Kewitsch - Proceedings of the EWEC, 1999 - iset.uni-kassel.de  
 ... for fault detection in the Global **characteristic** values like ... are continuously evaluated by a **fuzzy** classifier to ... a very promising option for **future** wind energy ...  
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### Embedding Neural Networks in On-line Monitoring Applications

MJ Boek, JL Cybulski, AS Szczepanik - 1993 - deakin.edu.au  
 ... engineering principles but also of machine **characteristics** and ... with a number of (frequently **fuzzy**) machine conditions ... the agenda designer, but in **future** it will ...  
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### Gas-Turbine Condition Monitoring Using Qualitative Model-Based Diagnosis - group of 2 »

LTM LAAS-CNRS, RMIA Ltd - doi.ieeecomputersociety.org  
 ... structure of the causal graph, and, finally, the **fuzzy** weights of ... we used  $Y_o(t)$  to predict **future** values of ... **characteristic** graphs recorded on the test bench. ...  
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B Rao... - 1996 - books.google.com  
 ... edge to those firms that strategically plan for the **future** and exploit fully ... disciplines, information technology and management, detection and **prediction** of faults ...  
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P Fu, AD Hope, GA King - Systems, Man, and Cybernetics, 1998. 1998 IEEE International ... , 1998 - ieeexplore.ieee.org  
 ... domain and frequency domain for **future** pattern recognition ... have vague boundaries, using **fuzzy** inner product ... functions to represent their **characteristics** and A ...  
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AE Smith, DW Coit, YC Liang, T Tao yuan - coewww.rutgers.edu  
 ... is trained by genetic algorithm and **fuzzy** logic based ... more interested in reliability **characteristics** of an ... are required to identify **future** maintenance activity ...  
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### Neural Ensembles for Event Identification - group of 3 »

D Roverso - Proceedings of Safeprocess, 2000 - ife.no  
 ... current process trends and anticipate **future** states, etc ... have feedback connections) whose main **characteristic** is an ... clustering algorithm, such as **Fuzzy C-Means** ...  
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### [book] Structural Health Monitoring: Current Status and Perspectives - group of 3 »

KJC Chang, FK Chang - 1997 - books.google.com  
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... offers some conclusions and identifies **future** research issues. ... and fully loses the nonstationary **characteristics** of the ... is designed to make a **prediction** of the ...  
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Monitoring and alarm interpretation in industrial environments - group of 5 »

S Cauvin - AI Communications, 1998 - IOS Press  
... to the operator, or to predict **future** behaviour of ... events (or symptoms) and a **characteristic** situation one ... time-lag, temporal, stochastic and **fuzzy** Petri nets ...  
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... as part of an integrated bearing **condition monitoring system**. ... bile, aerospace, underwater, **medical** and biomedical ... FFT, enveloping, neural-fuzzy analysis [11 ...

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... stage are: Data alignment, **prediction** of entity ... utilised parameter estimation, fuzzy logic, neural ... solution configurations and their unique **characteristics**. ...

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... ie, signal propagation, target **characteristics**, etc.) affect ... acoustic imaging devices, and **medical** tests, individually ... data fusion process are **fuzzy** and case-by ...

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... in ROMEX are based on 'fuzzy thresholding', ie the ... used in this study the favorable characteristics of flexible ... degradation of equipment A. A prediction of the ...

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... over a definite time period and fully loses the nonstationary characteristics of the ... order p. Specifically, the network is designed to make a prediction of the ...  
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1. **Automatically Determine Initial Fuzzy Partitions for Neuro-Fuzzy Classification**  
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 **1. Evolution of Fuzzy Grammars to aid Instance Matching**

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 **2. Real Time Business Intelligence for the Adaptive Enterprise**

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 **3. Fuzzy methods for automated intelligent data analysis**

Nauck, D.D.; Spott, M.; Azvine, B.;  
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 **4. Learning user models for an intelligent telephone assistant**

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